

Receipt date: 10/17/2006

Docket No. 293722US8PCT



10586396 - GALL 2129  
**MAIL STOP PCT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Tamami MARUYAMA, et al.

SERIAL NO: 10/586,396

GAU:

FILED: July 17, 2006

EXAMINER:

FOR: MAZE CREATING METHOD, ANTENNA OPTIMUM DESIGNING METHOD, PROGRAM, AND ANTENNA

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

*Corwin Paul Umbach*

Bradley D. Lytle

Registration No. 40,073

**Corwin P. Umbach, Ph.D.**

**Registration No. 40,211**

Surinder Sachar

Registration No. 34,423

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DV/



Receipt date: 10/17/2006



10586396 - GAU: 2129

SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 293722US8PCT		SERIAL NO. 10/586,396	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Tamami MARUYAMA, et al.			
				FILING DATE July 17, 2006		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	2001 251 134	09/14/2001	JP (with English abstract and computer generated translation)		NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	MARUYAMA TAMAMI, et al., "A STUDY ON A DESIGN METHOD FOR MULTI-BAND ANTENNA BY GA", THE INSTITUTE OF ELECTRONICS, INFORMATION AND COMMUNICATION ENGINEERS, pages 1-198 2003 (with English translation)					
	AX	OHIRA MASATAKA, et al., "AN ANALYSIS OF RECTANGULAR WAVEGUIDE WITH ARBITRARILY-SHAPED IRIS", TECHNICAL REPORT OF IBICE, pages 25-30, 2003 (with English abstract and English translation)					
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner /David Vincent/ (03/18/2010)					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DV/



Receipt date: 10/17/2006

10586396 - GAU: 2129



U.S. PCT Application Serial No: 10/586,396

Filed: July 17, 2006

Tamami MARUYAMA, et al.

Docket No. 293722 US

### STATEMENT OF RELEVANCY

- 1) References            have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References            have been cited in the corresponding            Search Report. A copy of these references is being submitted herewith.
- 3) References AO & AW-AX are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References            are additional prior art known to Applicant. A copy of these references is being submitted herewith.

/David Vincent/ (03/18/2010)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DV/